Recombinant Full Length Human ANTXR2 Protein, GST-tagged

Cat. No. ANTXR2-1516HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANTXR2 full-length ORF (NP_477520.2, 1 a.a. - 488 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	488 amino acids
Description	This gene encodes a receptor for anthrax toxin. The protein binds to collagen IV and laminin, suggesting that it may be involved in extracellular matrix adhesion. Mutations in this gene cause juvenile hyaline fibromatosis and infantile systemic hyalinosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Molecular Mass	79.9 kDa
AA Sequence	MVAERSPARS PGSWLFPGLW LLVLSGPGGL LRAQEQPSCR RAFDLYFVLD KSGSVANNWI EIYNFVQQLA ERFVSPEMRL SFIVFSSQAT IILPLTGDRG KISKGLEDLK RVSPVGETYI HEGLKLANEQ IQKAGGLKTS SIIIALTDGK LDGLVPSYAE KEAKISRSLG ASVYCVGVLD FEQAQLERIA DSKEQVFPVK GGFQALKGII NSILAQSCTE ILELQPSSVC VGEEFQIVLS GRGFMLGSRN GSVLCTYTVN ETYTTSVKPV SVQLNSMLCP APILNKAGET LDVSVSFNGG KSVISGSLIV TATECSNGIA AIIVILVLLL LLGIGLMWWF WPLCCKVVIK DPPPPPAPAP KEEEEEPLPT KKWPTVDASY YGGRGVGGIK RMEVRWGDKG

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	STEEGARLEK AKNAVVKIPE ETEEPIRPRP PRPKPTHQPP QTKWYTPIKG RLDALWALLR RQYDRVSLMR PQEGDEGRCI NFSRVPSQ
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	ANTXR2 anthrax toxin receptor 2 [Homo sapiens]
Official Symbol	ANTXR2
Synonyms	ANTXR2; anthrax toxin receptor 2; capillary morphogenesis protein 2; CMG 2; CMG2; FLJ31074; capillary morphogenesis gene 2 protein; ISH; JHF; CMG-2; MGC45856; MGC111533
Gene ID	118429
mRNA Refseq	NM_001145794
Protein Refseq	NP_001139266
MIM	608041
UniProt ID	P58335

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